

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



Id4 (S5) Peptide

Cat No.: BS2747P

Background

Transcription factors containing a basic helix-loop-helix (bHLH) motif regulate the expression of tissue-specific genes in a number of mammalian and insect systems. DNA-binding activity of the bHLH proteins is dependent on formation of homo- and/or heterodimers. Dominant-negative HLH proteins (encoded by Id-related genes) also contain the HLH-dimerization domain but lack the DNA-binding basic domain. Consequently, Id proteins inhibit binding to DNA and transcriptional transactivation by heterodimerization with bHLH proteins (referenced from entrez gene).

Swiss-Prot

P47928

Applications

Blocking

Specificity

This peptide can be used with studies using BS2747 Id4 (S5) pAb.

Purification & Purity

Synthetic peptide Id4 (S5). (Note: the amino acid sequence is proprietary). The purity is > 98%.

Product

1 mg/ml in DI water.

Storage & Stability

Store at 4 °C short term. Aliquot and store at -20 °C long term.

Avoid freeze-thaw cycles.

Research Use

For research use only, not for use in diagnostic procedure.